

EXP-AKC-DNS-12V

Explosion Proof Sensor Security Terminal - 12V DC - (2) Inputs, (2) Outputs - KNX System

Product ID: 243618

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EXP-AKC-DNS-12V Explosion Proof Security Terminal

Listing: NRTL Listed for United States and Canada

Dimensions: 4 1/4" x 2 5/8"

Weight: 1 lb

Aux Voltage: 12V DC + 1.6V SELV

Aux Current: 13mA to 43 mA

Current Consumption KNX: < 6 mA

Inputs: (2)

Outputs: (2) Monostable Relay

Materials: Feraloy Iron Alloy

Connections: Bus Connection Terminal (KNX - Black/Red), Screw Terminals (Aux Voltage, Inputs and Outputs)

Mount: Surface/Conduit

Hubs: (2) 3/4" Feed-Thru Hubs

Ratings

Listed for United States & Canada

Class I, Divisions 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2, IIA

Class II, Divisions 1 & 2, Groups E, F, G

Class III, Divisions 1 & 2

NEMA 3R, 4, 7 (B, C, D), 9 (E, F, G)

NRTL Listed to UL 508A

NRTL Listed to UL 1203

NRTL Listed to CSA C22.2 No 14, 25, 30

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics EXP-AKC-DNS-12V Explosion Proof Security Terminal is recommended for effective sensor communication, monitoring and signaling in Class I, II and III rated work sites. The low voltage interface works with KNX systems and comes equipped with two inputs and two outputs. This unit can be used to support remote lighting

systems, security systems, hallway lighting and perimeter lighting systems.

The EXP-AKC-DNS-12V facilitates seamless integration between customer-provided equipment, such as security sensors, and KNX systems. This unit operates on 12V DC and features two monitored inputs, as well as two monostable relay outputs. The explosion proof interface is suitable for sending output signals to upstream systems. This unit contains bus terminals (black/red) for connection with KNX components. Screw terminals are provided for connecting auxiliary voltage, inputs and outputs. For durability, the EXP-AKC-DNS-12V is protected by a ferrelloy iron alloy housing.

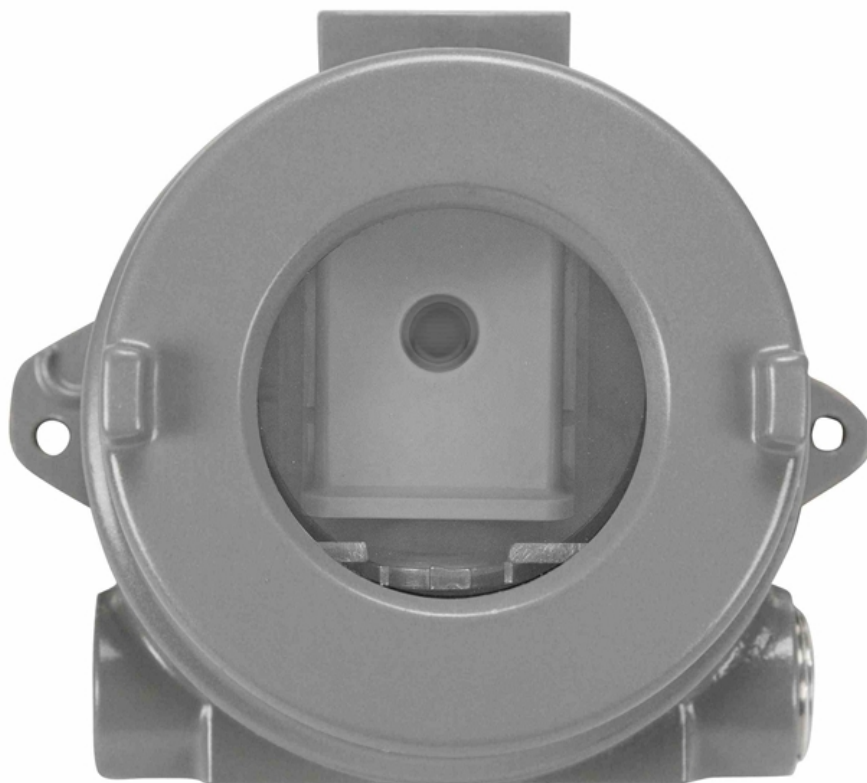
Hubs: The explosion proof device contains two, 3/4" feed-thru hubs.

Mount: The EXP-AKC-DNS-12V is compatible with surface or conduit mounting applications.

Applications: Automation, security, integration with KNX systems, HID, incandescent and fluorescent luminaires/lighting systems in hazardous locations, such as oil and gas facilities, chemical processing plants, food manufacturing establishments, mining sites and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)









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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [Certificate 4, Misc](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)